褐卷蛾属二新种记述

（鳞翅目：卷蛾科）

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继作者等1980年完稿的《中国褐卷蛾属研究及新种记述》之后，两年来又在我国陕西、四川两省发现褐卷蛾属二新种。从此我国已有该属共18种。

模式标本保存在中国科学院动物研究所昆虫标本馆。

新种记述

尖褐卷蛾 *Pandemis acumipenita*, 新种

雄蛾翅长9毫米。

唇须长是眼宽的2.5倍，褐色，向前伸。头及胸部褐色。触角柄节有凹陷，鞭节有褐色环。前翅褐色，各斑都不明显；前缘基部有强烈弯曲，外缘直，臀角圆；中带等宽，斜向臀角。后翅灰褐色，前缘灰白色。雄性外生殖器的爪形突特别宽，宽过其长。颚形突在中间愈合后末端向上翘，形成钩状尖刺，两侧下角亦呈尖突。抱器瓣卵圆形；抱器腹弯曲。抱器背基突眼镜状。阳茎细、末端尖。

本种与苹褐卷蛾*P. heparana* (*D.* & *S.*) 的雄性外生殖器相近似，但爪形突基部无耳状突起，抱器腹弯曲弧度大，阳茎端部尖、无齿突。从前翅颜色、斑纹也易于区别。

正模♂：四川省卧龙，海拔1900米，1980.Ⅶ.20.刘友樵。

付模♂：地点、海拔、采集人同上。1980.Ⅶ.18。

矩褐卷蛾 *Pandemis quadrata*, 新种

翅长9—10毫米。

唇须长是眼宽的2.5倍，褐色，向前伸。头部及胸部灰褐色。触角柄节有凹陷，鞭节有褐色环。前翅淡黄褐色，有分散深褐色斑；基斑小，约占前翅1/5；雄蛾褐色中带近前缘部分不明显，只起自中室下缘中部呈弯月状斜向臀角；雌蛾褐色中带分前、后缘

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两段，都呈弯月状，前缘的弯月小，后缘的弯月大；端纹明显。后翅灰褐色，前缘及缘毛灰白色。雄性外生殖器的爪形突宽大呈矩形，基部有耳状突起；颚形突在中央愈合后，末端形成向上弯曲的钩状刺，两侧下角呈尖突。抱器瓣长卵圆形；抱器腹宽而直，末端稍弯曲、抱器背基突眼镜状。阳茎基部粗，近端部有一些小齿突，末端有一枚大齿突。雌性外生殖器的后阴片稍凹陷；交配囊上有一枚钩状囊突，另外有一块几丁质化的结疤。

本种与苹褐卷蛾*P. heparana*（D. & S.）的雄性外生殖器相近似，但爪形突呈矩形，而不是三角形。从成虫的颜色和前翅斑纹也很容易加以区别。

正模♂：陕西省延安。1978. Ⅶ. 18. 谌有光采。

配模♀：地点、日期、采集人同上。

TWO NEW SPECIES OF CHINESE PANDEMIS HüBNER

(Lepidoptera : Tortricidae)

Liu Youqiao Bai Jiuwei
(Institute of Zoology, Academia Sinica)

Since the publication of author's "Notes on chinese *Pandemis* Hübner with descriptions of new species", two more new species have been found in China's Sichuan and Shanxi Provinces. Thus, the total number of chinese species of this genus amounts up to 18. Description of these two new species are reported in this paper. All specimens are kept in the Institute of Zoology, Academia Sinica.

Pandemis acumipenita, sp. nov.

Male. Wing 9 mm. Labial palpus ochreous, 2.5 times as long as the diameter of the eye. Antenna with a deep incisure of the second joint; flagellum with brownish annulation. Forewing ochreous with indistinct patterns; costa strongly curved basally; median fascia from costa to inner margin with equal width. Hind wing pale brownish grey. Male genitalia: Uncus broad, triangular, not concave apically; socii small; gnathos slender long with hooklike tip; valve broad, rounded; sacculus slender, curved; aedeagus distinctly slender and curved terminally.

This species is closely allied to *P. heparana* (D. & S.) in male genitalia, but differs from the latter in detail structures of uncus, sacculus and aedeagus.

Holotype ♂: Sichuan Province (Wolong, 1900m.) 1980. Ⅶ. 20. Liu You-qiao.

Paratype ♂: locality and collector same as holotype. 1980. Ⅶ. 18.

Pandemis quadrata, sp. nov.

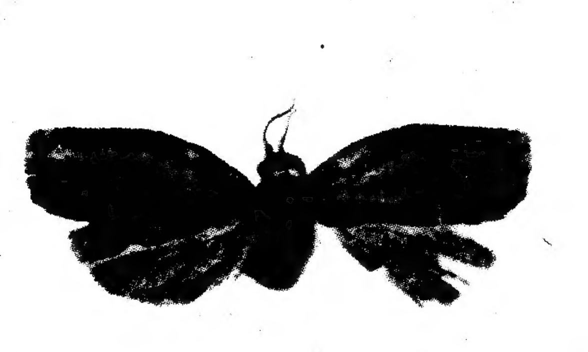
Wing 9—10 mm. Head and thorax greyish-brown. Labial palpus ochreous, 2.5 times as long as the diameter of the eye. Antenna with a deep incisure of the second joint; flagellum with brownish

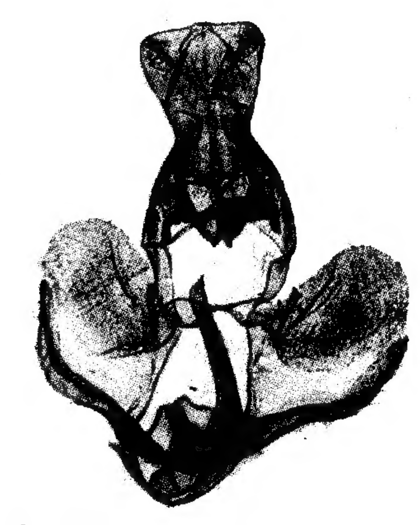
annulation. Forewing light brown, with scattered dark brown patterns; basal blatch small, about 1/5 of forewing; median fascia with dark brown crescent patterns, near costa with a small bar in female but inconspicuous in male; apical spot distinct. Hind wing greyish-brown, fringes greyish-white. Male genitalia: Uncus broad, rectangular; gnathos slender long with hook-like tip; valve ovate; sacculus broad and *straight, slightly curved terminally; aedeagus thicked basally, provided with some denticles. Female* genitalia: Cup-shaped part of sterigma broad; sclerite of antrum proportionally short; one small sculptured sclerite of corpus bursae near signum present.

This species is closely allied to *P. heparana* (D. & S.) in male genitalia, but it differs from the latter by the light-brown of forewing, dark brown crescent patterns of median fascia and rectangular uncus of male genitalia.

Holotype ♂: Shanxi Province (Yan'an), 1978. Ⅶ. 18. Shen Youguang.

Allotype ♀: locality, date and collector same as holotype.







尖褐卷蛾

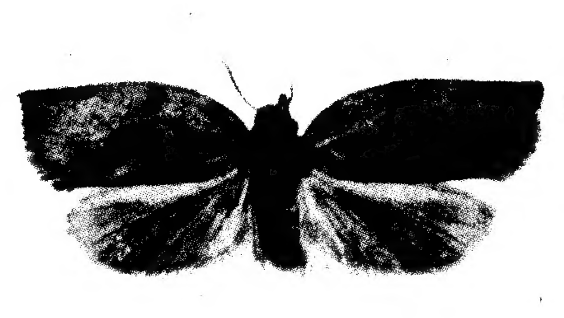
Pandemis acumipenita, sp. nov.



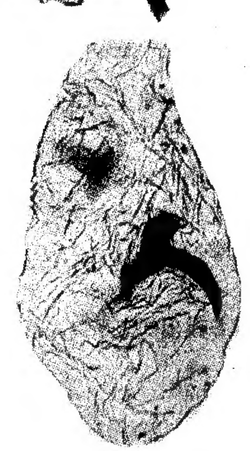


矩褐卷蛾 ♂

Pandemis quadrata, sp. nov.







矩褐卷蛾 ♀

Pandemis quadrata, sp. nov.